

REMARKS

Summary

Claims 1-22 were pending; Claims 1, 3, 9-10, 16, 19-20 and 22 were rejected, and Claims 2, 4-8, 11-15, 17-18 and 21 were objected to in the present Office action. The Applicant has carefully considered the reference and reasons advanced by the Examiner and respectfully traverses the rejections in view of the discussion presented below.

Claim Rejections

35 U.S.C. § 102 (a)

Claims 1, 3, 9-10, 16, 19-20 and 22 were rejected under 35 U.S.C. § 102 (a) as being anticipated by the admitted prior art (APA): viz., Fig. 5 and pages 1-6 of the present application. The Applicant respectfully traverses this rejection as the Examiner has not made out a *prima facie* case of anticipation.

"Anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, *arranged as in the claim.*" Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick Co., 730 F.2d 1452, 221 USPQ 481, 485 (Fed. Cir 1984) (citing Connell v. Sears Roebuck & Co. 722 F.2d 1542 220 USPQ 193 (Fed. Cir. 1983)) (emphasis added).

Claim 1 recites, *inter alia*, the collector of said switching transistor is connected to the input terminal of said first FET via a first resistor.

The Examiner asserts that this limitation is met by resistor 37 (Fig. 5, page 2, line 19 to page 3, line 2) (Office action, page 3, lines 8-10). The Applicant respectfully points out that resistor 37 provides the connection between the collector of the switching transistor 35 and the cathode of the first switching diode 33. As shown in Fig. 5 (Id.) the collector of the switching transistor 35 is connected directly to the input terminal of the first FET 42, without any intervening circuit element.

Since the APA therefore does not teach or suggest all of the elements and limitations of Claim 1 it is respectfully submitted that the claim is not anticipated, and thus allowable. Claims 2-8, being dependent on Claim 1 are, without more, allowable.

Independent Claims 9 and 19 have a similar feature, in that:

Claim 9 recites, *inter alia*, a first switch having a terminal connected with an input terminal of the first amplification circuit through a first resistor; and

Claim 19 recites, *inter alia*, a first switch connected with the amplification circuit through a resistor.

For at least the reason given above, Claims 9 and 19 are allowable, as are Claims 10-18 and 20-22 which are dependent on the allowable claims, respectively.

Objections

Claims 2, 4-8, 11-15, 17-18 and 21 were objected to as being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. In view of the arguments made above, the Applicant respectfully submits that the claims need not be rewritten, as they are allowable as being dependent on allowable base claims.

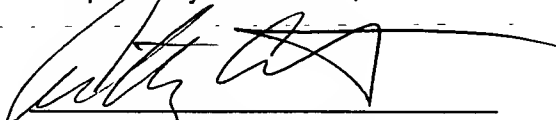
Conclusion

Claims 1-22 remain pending.

For at least the reasons given above, the Applicant respectfully submits that the pending claims are allowable.

The Examiner is respectfully requested to contact the undersigned in the event that a telephone interview would expedite consideration of the application.

Respectfully submitted,



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